

From glowbugs@theporch.com Wed Nov 13 16:02:41 1996
Return-Path: <glowbugs@theporch.com>
Received: from uro (localhost.theporch.com [127.0.0.1]) by uro.theporch.com
(8.8.2/AUX-3.1.1) with SMTP id PAA12943; Wed, 13 Nov 1996 15:35:43 -0600 (CST)
Date: Wed, 13 Nov 1996 15:35:43 -0600 (CST)
Message-Id: <199611132135.PAA12943@uro.theporch.com>
Errors-To: conard@tntech.campus.mci.net
Reply-To: glowbugs@theporch.com
Originator: glowbugs@theporch.com
Sender: glowbugs@theporch.com
Precedence: bulk
From: glowbugs@theporch.com
To: Multiple recipients of list <glowbugs@theporch.com>
Subject: GLOWBUGS digest 351
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
X-Comment: Please send list server requests to listproc@theporch.com
Status: 0

GLOWBUGS Digest 351

Topics covered in this issue include:

- 1) Re: Magic Eye Magic
by Dan Kerl <dlkerl@ro.com>
- 2) Re: More AM recollections...
by "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
- 3) Re: NC-121 diagram
by "'AB7HI' Stephen Lee" <slee@u.washington.edu>
- 4) Items for trade
by wj5j@juno.com (John D Hensley)
- 5) Thanks
by Bob <KE4Q0K@worldnet.att.net>
- 6) 6AL7 Magic Eye Article, and a DSB exciter
by jeffd@coriolis.com (Jeff Duntemann)
- 7) Fine BA/GB gathering last nite!
by rdkeys@csemail.cropsci.ncsu.edu
- 8) Re: Transformers available
by Glenn Finerman <GFINDER@nms.com>
- 9) AES wrong number??
by Glenn Finerman <GFINDER@nms.com>
- 10) Re: AES wrong number??
by Roy Morgan <morgan@speckle.ncsl.nist.gov>
- 11) Re: AES wrong number??
by "Cory Hine" <hinec@ccgate.dl.nec.com>
- 12) AM net
by Conard Murray <conard@TNTECH.CAMPUS.MCI.NET>
- 13) Re: BA Net frequency..
by Conard Murray <conard@tntech.campus.mci.net>

- 14) Again, I KNOW I gave the WRONG phone no!!
by Ken Wood <kenwood@nwlinc.com>
- 15) low power AM/CW rig schematic available on the web
by larrys@fmis02.nsc.com (Larry Szendrei, ARS NE1S)
- 16) Re: AM net
by "Greg Parsons A.K.A. Rat" <gregp@galileo.mis.net>
- 17) AM modulator info sought
by lbbarley@feist.com (Bruce Barley)
- 18) 11 pin male cable end f/s
by lbbarley@feist.com (Bruce Barley)
- 19) Re: low power AM/CW rig schematic available on the web
by Bob <KE4QOK@worldnet.att.net>
- 20) AM Net tonight
by "Greg Parsons A.K.A. Rat" <gregp@galileo.mis.net>

Date: Tue, 12 Nov 1996 16:44:38 -0600
From: Dan Kerl <dlkerl@ro.com>
To: glowbugs@theporch.com
Subject: Re: Magic Eye Magic
Message-ID: <3288FDD6.7CC0@ro.com>

Jeff Duntemann wrote:

> There's a little-known Fifties-era magic eye called the 6AL7, which is a
> *twin* magic eye unit, where each "eye" is a rectangle of light that grows
> to about 1/4" X 1/2" or shrinks down to a line. I don't know what it was
> ever used for, but I found one in a junkbox I bought years ago and I've been
> itching to find something to do with it. Believe it or not, there's a whole
> article (by the estimable Don Stoner) on the 6AL7 and how it's used, and
> I'll certainly entertain notions of a good use for *two* magic eyes in a
> single project. Any thoughts?
>
> Like a lot of "weird" tubes, the 6AL7GT is fairly cheap (\$3.50; cost of a
> so-so hamburger) at AES. It's smaller than the 6E5 and uses a standard
> octal base.

The 6AL7 indicator was designed to provide an indication of correct tuning in FM receivers. The unit displays two bars parallel to one another. The control of the length of one end of the bars is independently controllable; the control of the length of the other ends of the bars is tied together. Therefore, three different pieces of information are available on the display. The common ends were intended to display signal strength; the independent ends were to be tied to the FM discriminator outputs to provide accurate center-channel tuning information (dc balance). It's a

pretty neat display, although the focus is not as crisp as the familiar 6E5 types.

I have a Browning Engineering Labs FM tuner that uses one of these. I have spec sheet information in an old Sylvania "Technical Manual" if anyone is interested. I would like a link to the aforementioned Don Stoner article.

Dan Kerl
dlkerl@ro.com

from RDH4:
section 8 references (pg 1139):

(76) Bailey, F. M. "An electron-ray tuning indicator for frequency modulation" Proc. I.R.E. 35.10 (Oct. 1947) 1158.

(77) "Tube News" Service 16.3 (March 1947) 14.

also a reference is made to RCA HB-3

Date: Tue, 12 Nov 1996 17:19:49 -0600
From: "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
To: wb4iuy@ipass.net
Cc: glowbugs@theporch.com
Subject: Re: More AM recollections...
Message-ID: <1.5.4.32.19961112231949.006d20a0@postoffice.worldnet.att.net>

At 08:15 PM 11/12/96 +0000, you wrote:

>>Jeff Duntemann said:

>>>But my first fone contact back in 1975 was screen modulation on my Knight

>>>T-60 Novice rig the Friday night after I got my General in the mail.

>>Jeff,

>

>>Dave WB7AWK said:

>>Your story reminded me of why I became a virtually CW-only operator. When I

>>was a novice (also in 1974-75 at the age of 14-15) I had a Globe Scout 680

>

>Boy, do you guys know how to bring back old memories! I got my novice

>(WN4IUY) in 1974 at age 14. I was running a Hallicrafters SX-42 rx and a

>homebrew 50w input TX built from an old handbook project. I ran rockbound

>until I got my general ticket. Once upgraded, I bought an Eico 720/modulator

>and a Johnson VFO-122 at the local hamfest. Boy, was I ever big-time then!

>40 meters phone was fun, but the SSB guys were really giving me a lot of

>flack about my AM signal. I quietly began to slip back down to the CW

>segments...suddenly I realized how nice the general CW segment were, and

>hardly worked any more phone for several years.

>

You too huh? 1975 is when I got the ART-13 and started to use it on AM. Yep, Lots of flack from the SSB crowd! I too went CW only because of that till 1983 when I got my very first SSB rig, A Hallicrafters SR-2000. Fired the ART-13 back up on AM 4 years ago when I noticed more AM being used lately then built the Kilowatt 813 AM rig for more power.

>Over the next few years I was "glo-buggin" A lot. I built several TX's: 807, >6DQ6, 2-6146 (!), and a 6T9 (I think that's right). I also built a few >simple rx's from various handbooks.

Me too, Enjoyed building some low power 10 to 100W Xmitters myself but never really got into homebrewing recievers.

>

>Anyway, so much for old memories. How many of you remember the nights when >you'd turn the lights in your room off and watch the almost magical glow of >the tubes in the dark??

>

>Dave Hockaday WB4IUU
>wb4iuy@ipass.net

I listened to my R-390a with the lights (and cover off) sometimes! Also did that with my SX-99, HQ-180c and other radio's too. That soft glow really has me hooked.

Robert M. Bratcher Jr.

E-mail to:

bratcher@worldnet.att.net

Record collector, 8mm, super 8, 16 and 35mm Film collector.

I like old radio's too.

Collins, Hallicrafters, National & Hammurland are my Favorites!

Date: Tue, 12 Nov 1996 19:24:35 -0800 (PST)

From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>

To: Tom Bowman <tbowman@nbn.net>

Subject: Re: NC-121 diagram

Message-ID: <Pine.A41.3.95b.961112191148.50170A-100000@homer09.u.washington.edu>

Hello Tom and fellow glowrites,

I searched a bit and found my Howard Sams Dial Cord Stringing Guide. This particular one is Cat. No. 8; also referred to as Volume 8. It covers the years 1959 and 1960 but has an index which lists earlier

model radios back as far as Volume 5. My Volume 8 only lists the National Criterion and NC-98. But it says the diagrams for both of those are to be found in Volume 5.

So what Tom needs is most likely Volume 9 or higher. Does anyone in tubertown have the higher volume set of Howard Sams Dial Cord Stringing Guide? Don't be shy!!!

Stephen Lee, AB7HI
slee@u.washington.edu

Date: Wed, 13 Nov 1996 01:14:19 EST
From: wj5j@juno.com (John D Hensley)
To: glowbugs@theporch.com, ham-boatanchors@ucsd.edu
Cc: cxnance@juno.com
Subject: Items for trade
Message-ID: <19961113.092647.4783.2.wj5j@juno.com>

Hello Folks,

Do I detect excess energy on the net? Here's two items for your consideration. Some tubes and a freq. meter.

On the tubes: will trade the whole lot of loctals below for a pair of 813A's and a socket, or a roller inductor (25mH) and turns counter, or something similar. I would think these would serve a scratch building habit during the upcoming winter months ;^)

1. Loctal tubes:

The count is in excess of 125. These are all pulls which were saved because they were believed good. A few are apparently new old stock (ww2ff) and are marked below IOB for "in original box".

XXFM	1
1LC5	3

7A4	1
7A5	4
7A6	6
7A7	1

7A8	10	
7B5	5	(2 IOB)
7B6	1	
7B7	2	
7C5	15	(2 IOB)
7C6	1	
7C7	27	(1 IOB)
7C7b	2	
7F7	5	
7F8	2	IOB
7N7	1	
7S7	1	
7V7	1	
7Y4	6	
7W4	4	
7Z4	1	IOB
14A7	6	
14C7	1	
14F7	3	
14R7	4	
14S7	1	
28D7	1	
28D7W	3	
35A5	1	
35Y4	1	
35Z3	1	
50A5	1	

Misc: One wrap around heat shield
4 unknowns

2. U.S. Army Signal Corps Frequency Meter BC-221A,
covers 125 khz to 20 mhz. No Manual. Used, okay, has
chart book. needs leads, etc. Army dark green of course.

73, Doug WJ5J

Date: Wed, 13 Nov 1996 12:06:32 +0000
From: Bob <KE4QOK@worldnet.att.net>

To: glowbugs@theporch.com
Subject: Thanks
Message-ID: <19961113120617.AAE16557@LOCALNAME>

Thanks to everyone for the warm reception here. I am glad that I found this reflector, I think it is going to lead to a great deal of happy homebrewing as well as adding a warm glow to the shack.

73
KE4QOK
Bob
136 Hermitage Rd.
Newport News, Va. 23606

Date: Wed, 13 Nov 1996 08:40:17 -0700
From: jeffd@coriolis.com (Jeff Duntemann)
To: glowbugs@theporch.com
Subject: 6AL7 Magic Eye Article, and a DSB exciter
Message-ID: <1.5.4.32.19961113083558.00ef84d0@ntserver.coriolis.com>

Hi gang--

The article explaining the 6AL7 dual magic eye tube is "The Glass Eye" by Don Stoner, W6TNS, in the November 1957 CQ, their fat Annual. It's a damned good article, beefy and long with real circuits, and recaps the more traditional eye tubes like the 6E5 as well.

That one issue (published when I was in kindergarten, sigh) contains an incredible wealth of glowbug homebrew ideas. Another worth mentioning is a simple DSB exciter, which might be of interest to the glowbugger here (forget who) who was interested in building an SSB rig. While it generates DSB, it could be used as an SSB generator by running it on 3.579 mc and building a sharp notch filter with colorburst crystals. Add a mixer and linear amp stage and you're on SSB.

The piece is "Low-Cost DSB-AM Amplifiers" by the estimable Frank Jones W6AJF, who only died very recently at a *very* advanced age. (I have books he wrote in the 1930s.) Page 91, same issue. Jones presents two circuits, one of which is for 6m, and the other for all five low bands, but doesn't include a VFO. You'd have to do a little engineering, but the 80m portion of the 5-band rig would work very well on 3579. It uses only four tubes: Two 6Y6s, a 6L6, and a 6H6 dual diode. The 6Y6's are a balanced modulator, with the 6L6 one stage of audio. (He was assuming an outboard audio preamp supplying 20v PP audio.) The role of the 6H6 is obscure to me; half is a modulation monitor and the other half is not explained in the text. Perhaps

the weirdest thing about the circuit is that it is switched between DSB and traditional AM by turning off the filament of one of the balanced modulator tubes for AM! The "dead" tube then acts as a neutralizing capacitor, egad.

Magazines like this are still available at hamfests. Grab 'em if you see 'em.

--73--

--Jeff Duntemann KG7JF
Scottsdale, Arizona

Date: Wed, 13 Nov 1996 11:29:55 -0500 (EST)
From: rdkeys@csemail.cropsci.ncsu.edu
To: glowbugs@theporch.com, boatanchors@theporch.com
Cc: rdkeys@csemail.cropsci.ncsu.edu ()
Subject: Fine BA/GB gathering last nite!
Message-ID: <9611131629.AA114122@csemail.cropsci.ncsu.edu>

Well, the 01' BA/GB ``net'' gathering was quite good last night. There were 14 checkins! Kudos to all those who dusted off their fine glowingespiitzengesparkenradiomaschinen and joined in on the fun. It was a North American run with VE/VA/2/3/4/5/and 7 land present. Transcontinental on a puny HW-16 to a 2NT means the band is pretty good on the 01' 80M QRG. Conard's fine lil 6Y6 puffer was cuttin' some mean holes in the ether. See ya there later!

73/ZUT DE NA4G/Bob UP

Date: Wed, 13 Nov 1996 11:19:12 -0500
From: Glenn Finerman <GFINER@nms.com>
To: glowbugs@theporch.com
Subject: Re: Transformers available
Message-ID: <s289aebf.022@nms.com>

Oh Man!! You guys really hit a nerve with me on that one!!!!

re>>An idea wind a hellatiously large coil under/over/beside the street
>in front of your house. Wait for one of those goobers with the KW
>bass-thumper earthquake-producing hear-it-at-a-mile audio systems to
>drive by and let him have it with a 3500Hz tone. You might remagnetize
>his speakers too.

I've been wanting to try that for years! Those goobers really tick me off!! I wonder if you could build a mobile unit for use in traffic!!

73.....Glenn N2BJG gfiner@nms.com

(sorry for the off-topic Conrad)

Date: Wed, 13 Nov 1996 11:30:17 -0500
From: Glenn Finerman <GFINER@nms.com>
To: glowbugs@theporch.com
Subject: AES wrong number??
Message-ID: <s289b153.024@nms.com>

It's been a long time since I've received an AES catalog thought I would call the 800 number and order a copy.

re>Anyone here not having it should. Call them at 1-800-820-5411
>if you don't already have a copy. VERY good deals on our kinda stuff.

I tried that number. Seems to be incorrect, the woman who answered said they have been getting lots of calls for AES and that's not us! Could someone post the correct number please? (all my catalogs are packed-up for the move)

Thanks.....73.....Glenn N2BJG gfiner@nms.com

Date: Wed, 13 Nov 1996 11:53:04 -0500
From: Roy Morgan <morgan@speckle.ncsl.nist.gov>
To: GFINER@nms.com, glowbugs@theporch.com
Subject: Re: AES wrong number??
Message-ID: <9611131653.AA11264@speckle.ncsl.nist.gov>

At 10:34 AM 11/13/96 -0600, you wrote:
>It's been a long time since I've received an AES catalog

Antique Electronic Supply
6221 S.Maple Avenue
Tempe,AZ 85283
(602)820-5411
(602)820-4643 Fax
800 706-6789 (ALSO a fax)

-- Roy Morgan/Building 820, Room 562/Gaithersburg MD 20899
(National Institute of Standards and Technology, formerly NBS)
301-975-3254 Fax: 301-948-6213 morgan@speckle.ncsl.nist.gov --

Date: Wed, 13 Nov 96 11:08:43 CDT
From: "Cory Hine" <hinec@ccgate.dl.nec.com>
To: glowbugs@theporch.com, GFINER@nms.com
Subject: Re: AES wrong number??
Message-ID: <9610138479.AA847911409@smtpgw.ccgate.dl.nec.com>

The number for Antique Electronic Supply is 602-820-5411... not 800
number. The 800 FAX number is 800-706-6789.

Cory/N2AQS

----- Reply Separator -----
Subject: AES wrong number??
Author: GFINER@nms.com at smtpink-dl
Date: 11/13/96 10:26 AM

Date: Wed, 13 Nov 1996 11:10:54 -0600
From: Conard Murray <conard@TNTECH.CAMPUS.MCI.NET>
To: glowbugs@theporch.com
Subject: AM net
Message-ID: <1.5.4.32.19961113171054.006bb044@tntech.campus.mci.net>

Hello keepers of the hot iron!
We need to have a phone net for those who are either interested in that sort
of thing or think a CW filter is something that removes all those funny
beeping noises.
Nothing really formal, just a friendly place to meet and see what else is
going on away from the 30 minute monologues on the other AM spots.

<<- Any volunteers for the NCS/MC? ->>

The hours are great and the pay is good too.

Think about it.

73 de Conard, ws4s

Conard Murray WS4S NNNOUTN Glowbugs Listowner
217 Dyer Avenue BA/GB net 1802.5/3579.5/7050 KHz
Cookeville, Tn 38501 conard@tntech.campus.mci.net
615-526-4093 Wise men still seek Him

- LICENSED ONLY TO EXTENT INDICATED ON CARTON -

Date: Wed, 13 Nov 1996 11:23:49 -0600

From: Conard Murray <conard@tntech.campus.mci.net>

To: ebjr@worldnet.att.net

Cc: glowbugs@theporch.com

Subject: Re: BA Net frequency..

Message-ID: <1.5.4.32.19961113172349.006bd780@tntech.campus.mci.net>

At 11:01 AM 11/13/96 -0600, you wrote:

> Hello BA brasspounders!

>

> There seems to be a consensus on the sometimes awful TV "buzz" on
>3579.545 KHz! My suggestion is for VFO equipped stations to use 3579.0.
>this will help two things: the TV buzz will be 1/2 khz away, 'wide' receivers
>will be another 1/2 khz away from the W1AW "Bulletin Mill".

I think this is an excellent idea! Everyone please note this one.

> Also there are a few votes for 1995 khz on 160 meters. What say ye,
>all that are equipped for 160? If we can successfully used that frequency
>or one nearby, then the crystal controlled guys can get a rock for what
ever 'works out'.

>At today's crystal prices, we don't want any 'false starts' if at all possible!

> What say ye all?

>

I don't think there is a need to move from 1803.5 to 1995 just for the sake of moving. The only reason behind moving the 160 meter frequency was to take advantage of the cheap 1843.2 KHz computer xtals (\$1) on the market. Otherwise, we should stay put. The general consensus I have gotten from the crew is to give 1843 a go and see what happens. The qrm might be bad, but at least we will be away from the TV buzzsaw. I did send some feelers this morning to a couple of xtal companies to see if we can get a quantity discount on a experimenter-grade rock. More on this later.

>73 & ZUT,

>E. V. Sandy Blaize, W5TVW

>"Boat Anchors collected, restored, repaired, traded and used!"
>417 Ridgewood Drive,
>Metairie, LA., 70001
>ebjr@worldnet.att.net
>
>

Likewise,
de Conard, ws4s
Conard Murray WS4S NNNOUTN Glowbugs Listowner
217 Dyer Avenue BA/GB net 1802.5/3579.5/7050 KHz
Cookeville, Tn 38501 conard@tntech.campus.mci.net
615-526-4093 Wise men still seek Him

- LICENSED ONLY TO EXTENT INDICATED ON CARTON -

Date: Wed, 13 Nov 1996 09:48:36 -0800 (PST)
From: Ken Wood <kenwood@nwlink.com>
To: glowbugs@theporch.com
Subject: Again, I KNOW I gave the WRONG phone no!!
Message-ID: <199611131748.JAA02121@montana.nwlink.com>

Hi ya'll. Be and my BIG mouth (keyboard?)

Yes, I gave a wrong number for AES. The only 800 number they have is the FAX line.

The number I gave is right, except the area code is 602 and NOT 800.

Sorry for the mixup. I have received a BUNCH of emails pointing this out, and I really truly do in fact stand corrected, and any further correction mail would just be redundant!!

Keep 'em glowing,

Dave WB7AWK
gekko@nwlink.com
kenwood@nwlink.com (when I'm goofing off at work)

Date: Wed, 13 Nov 1996 13:07:35 -0500
From: larrys@fmis02.nsc.com (Larry Szendrei, ARS NE1S)
To: KE4QOK@worldnet.att.net, glowbugs@theporch.com
Subject: low power AM/CW rig schematic available on the web
Message-ID: <96111313073568@fmis02.nsc.com>

Greetings!

I noticed that you were inquiring about a low power AM rig. I have constructed such a beast, and the schematic is available in .gif format (directly readable by most browsers), at [http://webnotes.bicnet.net/\\$hamradio](http://webnotes.bicnet.net/$hamradio). Sign into Webnotes, read note #15, and page to reply #9 (there is a button to page thru the replies at the top of the page, once you are reading note #15. Don't worry, it's easier than it sounds!). From there you can open the schematic.

This is the schematic of a 10W AM/40W CW rig using a 6AG7 Xtal osc/6DQ6 screen-modulated final, and has the advantage that no modulation xformer is needed. This schematic is exactly how I had the rig at one point, and it worked FB on 160 - 20M. It has since evolved into a 160M - 10M rig with the addition of a 6EW6 xtal osc/vfo amp/multiplier, driving the 6AG7. If you want to use it on CW, add a key click filter, too - I did. I plan on posting the schematic with these improvements as soon as I get a Round Tuit. The rig will certainly be heard on the 80M glowbuggin' QRG in the very near future (perhaps tonite!).

73,
Larry (NE1S)
larrys@fmis02.nsc.com

Date: Wed, 13 Nov 1996 13:14:28 -0500
From: "Greg Parsons A.K.A. Rat" <gregp@galileo.mis.net>
To: conard@tnitech.campus.mci.net
Cc: glowbugs@theporch.com
Subject: Re: AM net
Message-ID: <1.5.4.32.19961113181428.0090c9c8@204.68.227.1>

Conard,

Sounds like a great idea, who wants to see if we can grab a spot om 75m? or would 40m be better? Let me get a new 0A2 put in the Drake tonight and I will be there... hmmmmmm.... Why not try 20m? it should work OK for east coast after dark, and who knows maybe we can add a lid filter to the ssb crows, (if you ever lissen to 20m you know who I mean.)

73,

Greg
ke4000

At 11:16 AM 11/13/96 -0600, you wrote:

>Hello keepers of the hot iron!
>We need to have a phone net for those who are either interested in that sort
>of thing or think a CW filter is something that removes all those funny
>beeping noises.
>Nothing really formal, just a friendly place to meet and see what else is
>going on away from the 30 minute monologues on the other AM spots.
>
><<- Any volunteers for the NCS/MC? ->>
>
>The hours are great and the pay is good too.
>Think about it.
>73 de Conard, ws4s
>Conard Murray WS4S NNNOUTN Glowbugs Listowner
>217 Dyer Avenue BA/GB net 1802.5/3579.5/7050 KHz
>Cookeville, Tn 38501 conard@tntech.campus.mci.net
>615-526-4093 Wise men still seek Him
>
> - LICENSED ONLY TO EXTENT INDICATED ON CARTON -
>
>
>

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-----
| Greg Parsons      KE4000      gregp@mis.net  gregp@lfucg.com  gregp@stdio.com  |
| AMI #865          Who has the coffee? better yet, who has the Ale81s?      |
| NRA Life, SCCA, SCA, DOD http://www.stdio.com/~gregp  http://www.lfucg.com |
-----
```

Date: Wed, 13 Nov 1996 12:37:02 -0600 (CST)
From: lbbarley@feist.com (Bruce Barley)
To: glowbugs@theporch.com
Subject: AM modulator info sought
Message-ID: <199611131837.MAA25738@wichita.fn.net>

I have acquired a multiple-impedance modulation transformer for which I need just a bit more information.

Ref: "Poly-Pedance" Modulator Transformer model A-3891
Mfg. by Standard Transformer Corp. Chicago, Ill.

Can some one please tell me approx. how many watts this xfmr can handle?

Physical size is 3" x 2.5" x 2.5". About the size of a medium filament xfmr. The core stack is 1 inch thick.

I have the sheet showing the impedance connections, but no mention is made of how much audio power this xfmr is rated to handle. It really looks fb for a hb qrp am rig. The transformer has dual, center tapped primary windings, and dual, center tapped secondary windings with 6 leads for primary, and six leads for secondary. Would you believe, that the impedance chart was still with the transformer after all these years? I know it is at least prior to 1964 because the address is Chicago 18, Illinois. Those famous ZIP codes (remember Mr. Zip?) came into use in 1964. It looks like this transformer will match anything to just about anything.

The impedance chart shows the same connections and Z ratings (no mention of power) for four models : A-3891, A-3892, A-3893, and A-3894.. I have the A-3891, which seems to be the smallest transformer in this family. Any information you can provide about audio power ratings will be greatly appreciated.

It is designed for firebottle push-pull audio, but with the dual primaries, maybe (?) it can be driven single ended. Does you have any ideas?

If not, maybe a pair of 6F/K/V6's or even 50C5's push-pull. Maybe use something like a 6SN7 for a phase splitter/driver to the p-p stage. With all this snow (missed us so far), it looks like it will be a LONG winter. Just great to hb with some of those old firebottles out in the garage. Now, if I can just get some of this really fierce overtime at work under control.

72's & 73's

Bruce Barley KB0PZD
lbbarley@feist.com

Date: Wed, 13 Nov 1996 12:37:04 -0600 (CST)
From: lbbarley@feist.com (Bruce Barley)
To: glowbugs@theporch.com
Subject: 11 pin male cable end f/s
Message-ID: <199611131837.MAA25744@wichita.fn.net>

I have 18 ea. of the round, like octal, only these are 11 pin, male cable end connectors with shells and clamps. Used. Cut from cable ends.

Plus I have one (1) ea. 11 pin male w/shell that is a jumper plug. This one does not have a hole in the shell for cable, and has no clamps. Just a cover for jumpers.

They have been kicking around here for the last 15 years and I have yet to use even one. Besides, it is highly unlikely that I will have use for one during the next 15 years. So.

Someone make me an offer (diamonds, cash, contraband, air-dux coil stock) that I can't refuse and they could all be yours. Otherwise....

72's & 73's
Bruce Barley KB0PZD
lbbarley@feist.com

Date: Wed, 13 Nov 1996 19:23:18 +0000
From: Bob <KE4QOK@worldnet.att.net>
To: larrys@fmis02.nsc.com (Larry Szendrei, ARS NE1S)
Cc: glowbugs@theporch.com
Subject: Re: low power AM/CW rig schematic available on the web
Message-ID: <19961113192316.AAA7232@LOCALNAME>

>by most browsers), at [http://webnotes.bicnet.net/\\$hamradio](http://webnotes.bicnet.net/$hamradio). Sign into Webnotes,
>read note #15, and page to reply #9 (there is a button to page thru the replies
>at the top of the page, once you are reading note #15. Don't worry, it's easier
>than it sounds!). From there you can open the schematic.

Hi Larry,

So far so good. I came, I saw.(I new at this) Is there a way to download this .GIF for a liesurly going over. I am discovering new things about "net surfing" every day but not nearly fast enough.

TNX help.

73
KE4QOK
Bob
136 Hermitage Rd.
Newport News, Va. 23606

Date: Wed, 13 Nov 1996 16:03:59 -0500

From: "Greg Parsons A.K.A. Rat" <gregp@galileo.mis.net>
To: glowbugs@theporch.com
Subject: AM Net tonight
Message-ID: <1.5.4.32.19961113210359.00909dc4@204.68.227.1>

Hey gang,

Lets try the 14.286 QRG at 01:00z tonight and see how it goes. I will try to be ontime for once, if not, first one there sing out and see who can hear who. If it glows in the dark drag it out! If it has sand in it... well we will let you play too, might rib you some, but come on out.

73,

Greg
ke4000

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| Greg Parsons      KE4000      gregp@mis.net  gregp@lfucg.com  gregp@stdio.com  |  
| AMI #865          Who has the coffee? better yet, who has the Ale81s?      |  
| NRA Life, SCCA, SCA, DOD http://www.stdio.com/~gregp  http://www.lfucg.com |  
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End of GLOWBUGS Digest 351
